SYLVANIA

Blu-ray Disc™

Blu-ray Disc Player

Model No. SDVD8532

ENG
FRE

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Safety and important notice

Warning

- Risk of overheating! Never install the product in a confined space. Always leave a space of at least 4 inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.
- Never place the product, remote control or batteries near naked flames or other heat sources, including direct sunlight.
- Only use this product indoors. Keep this product away from water, moisture and liquid-filled objects.
- Never place this product on other electrical equipment. Keep away from this product during lightning storms.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Visible and invisible laser radiation when open. Avoid exposure to beam.
- Once the Blu-ray system is operated abnormally, the system will be hanged up due to circuit protection. If user unplugs the power cord, this system can normally be operated.

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings, Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding- type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel.

Precautions Handling Cautions

- Before connecting other components to this Blu-ray disc player, be sure to turn them all off.
- Do not move the Blu-ray disc player while a disc is being played, or the disc may be scratched or broken, the Blu-ray disc player internal parts may be damaged.
- Do not put a flower vase filled with water or any small metal objects on the Blu-ray disc player.
- Be careful not to put your hand into the disc tray.
- Do not place anything other than the disc in the disc tray.
- Exterior interference such as lightning and static electricity can affect normal operation of this Blu-ray disc player. If this occurs, turn the Blu-ray disc player
- off and on again with the POWER button, or disconnect and then reconnect the AC power cord to the AC power outlet. The Blu-ray disc player will operate normally.
- Be sure to remove the disc and turn off the Blu-ray disc player after use
- Disconnect the AC power cord from the AC outlet when you don't intend to use the Blu-ray disc player for long periods of time.
- Clean the disc by wiping in a straight line from the inside to the outside of the disc.
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The Main plug is used as a disconnect device and shall stay readily operable at any time.

Disposal of your old product and batteries

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste.
Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.
Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Trademark notice

'DVD Video' is a trademark of DVD Format/Logo Licensing Corporation.

'Blu-ray Disc' and 'Blu-ray Disc' logo are trademarks.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby laboratories.

Manufactured under license under U.S. Patent#s:5,451,942; 5,956,674; 5,974, 380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS is a registered trademarks & the DTS logos and Symbol are trademarks of DTS, Inc. ©1996-2008 DTS, Inc. All Rights Reserved.

BONUS VIEW™

'BD LIVE' and 'BONUS VIEW' are trademarks of Blu-ray Disc Association.

CLASS 1
LASER PRODUCT

Feature highlights

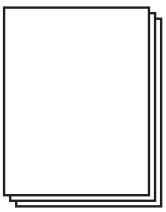
High-Definition entertainment
Watch high-definition content disc with HDTV (High Definition Television). Connect it through a high speed HDMI cable (1.3 or category 2). You can enjoy excellent picture quality up to 1080p resolution with the frame rate of 24 frames per second with progressive scan output.

BONUS VIEW/PIP (Picture-in-Picture)
This is a new function of BD-Video that plays the primary video and secondary video simultaneously. Blu-ray players with Final Standard Profile or Profile 1.1 specs can play Bonus View features.

BD-Live
Connect this product to the movie studios website via the LAN port to access a variety of up-to-date content (e.g. refreshed previews and exclusive special features). You can also enjoy next generation possibilities, such as ringtone/wallpaper downloads, peer-to-peer interactions, live events and gaming activities.

Upscale DVD for enhanced picture quality
Watch the discs in the highest picture quality available for the HDTV. Video upscaling increases the resolution of standard definition disc to high definition up to 1080p over an HDMI connection. A highly detailed picture and increased sharpness delivers a more true-to-life picture.

Accessories



Instruction Manual

AV Cable

Remote Control

Region codes

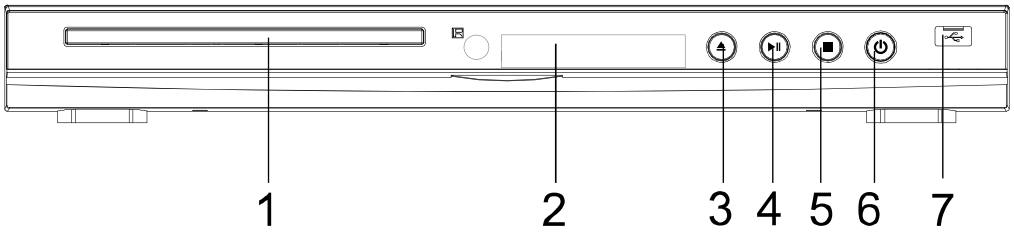
DVD and Blu-ray players and discs are coded for a specific region. The disc and player code must match in order for the disc to play in that player.

The region code for this player is located on the rear panel of the player.

	Region Code	Area/Country
BLU-RAY DISCS	A	North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong, South East Asia
	B	Europe, Greenland, French territories, Middle East, Africa, Australia, and New Zealand
	C	India, China, Russia, Central Asia, and South Asia
DVD DISCS	1	The U.S.A., U.S.A. territories, and Canada
	2	Europe, Japan, the Middle East, Egypt, South Africa, Greenland
	3	Taiwan, Korea, the Philippines, Indonesia, and Hong Kong
	4	Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, and Caribbean
	5	Russia, Eastern Europe, India, North Korea, Mongolia, and most of Africa
	6	China

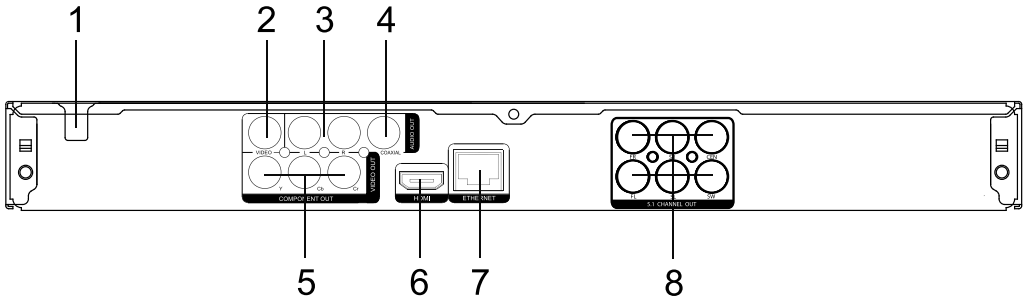
Product Overview

Main unit



1. DISC TRAY
   open to accept a disc.
2. DISPLAY
   Display the playing status, time, etc.
3. OPEN/CLOSE
   Open and closes the disc tray.
4. PLAY/PAUSE
   Press to play the loaded disc, press again to pause current playback.
5. STOP BUTTON
   Stop disc playback.
6. STANDBY BUTTON
   Turns the Blu-ray Player on and standby. Press STANDBY button to enter the standby mode while the set is on. It will take about 10 seconds to enter the standby mode. The light will change the colour from green to red. The set can be turned on again by pressing the STANDBY button, after this process has been completed.
7. USB port.

Rear panel



1. POWER Supply Socket Wire
Create power between wall outlet and the unit.

2. VIDEO OUTPUT
Connects composite video signal to input AV or PHONO sockets of TV or monitor to achieve high fidelity color reproduction.

3. AUDIO OUT (L/R)

4. DIGITAL AUDIO COAXIAL OUT
Connects digital audio under play mode into an AV amplifier or a receiver equipped with digital audio decoder for you to enjoy the theatre-quality sound in your home.

5. COMPONENT
Connects to TV or monitor equipped with Component input . In order to achieve a sharper and cleaner picture than when connected via VIDEO OUT (composite video).

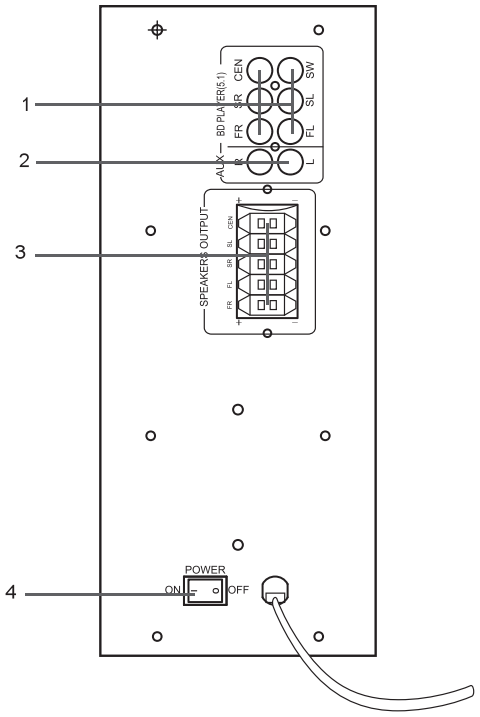
6. HDMI OUTPUT
Connects to a TV or monitor equipped with an HDMI port, for a one-cable connection for high-quality video and audio.

7. ETHERNET

8. **5.1 CH AUDIO OUTPUT**

Product Overview

Speaker rear panel



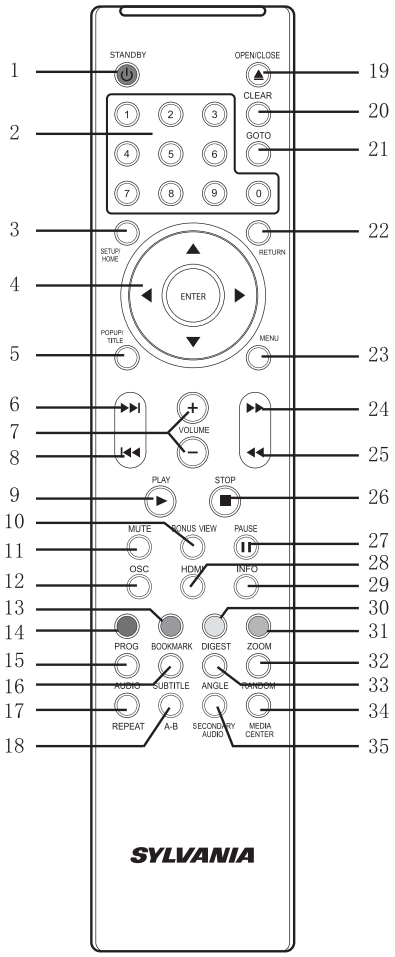
1. RCA STEREO 5.1CH INPUT

2. RCA STEREO AUDIO INPUT

3. SPEAKER CONNECTIONS

4. POWER
   Press to turn the subwoofer
   power off or on.

Remote control



1. STANDBY
Press the **STANDBY** to turn the BD player **Standby.**

2. Numeric Keypad
These buttons are used with the GOTO button to move to a specific track on an audio CD.

3. Setup/Home
Press this button to bring SETUP MENU activity.

4. Menu Navigation Keys
These keys are used when navigating the menus on BD and DVDs. They are also used for navigating the setup menus for the BD player.

5. POPUP/TITLE
On BD disks only, this button can be used to pull up menus that are specific to the scene being played.
(Not available on all disks)

6. Next
DVD next chapter.

7. VOLUME + / -
Press volume + or volume - control the volume.

8. Previous
DVD previous chapter.

9. Play
Pressing the play button will resume playback.

10. BONUS VIEW
PIP function of some blu-ray disc.

11. MUTE
Press to mute the sound and again to restore.

12. OSC
To access On Screen Control menu.

13. BOOK MARK
To bookmark at any point during playback.

14. PROG
Edit the program and play.

15. Audio
Used to enable/disable audio during disk playback.

16. Subtitle
Used to enable/disable subtitles during disk playback.

17. REPEAT
This button is used to cycle through the possible"repeat" modes. For BDs and DVDs, you can repeat the currently playing title, chapter or all.
For audio CDs, you can repeat the currently playing track.

To stop playback from repeating, the REPEAT button should be pressed until nothing is shown on the TV.

18. A-B
During the normal or fast motion playback, press A-B once and "A-" will appear on the screen. Thisindicates the start of the loop to be repeated.
Press A-B again and " A-B" will appear on the screen. It indicates the end of the loop.

Press A-B a third time to cancel playback repeat.

19. Open/Close
Press this button to open/close the disk tray.

20. Clear
When entering numeric values via the numeric keypad, this button is used to clear a number entered incorrectly.

21. Goto
This button is used with the numeric keypad to jump to a specific track on an audio CD.

22. Return
Return to previous chapter.

23 . MENU
Press this to return to the DVD menu.

24. Fast Forward
Used to "Fast Forward" through a BD/DVD movie or CD audio track. Each time the button is pressed, the speed of fast forwarding will increase in the following order: ▸▸1, ▸▸2, ▸▸3, ▸▸4, ▸▸5, ▸.

25. Fast Reverse
Used to "Reverse" through a BD/DVD movie or CD audio track. Each time the button is pressed, the speed will be in the following order : ◂◂1, ◂◂2, ◂◂3, ◂◂4, ◂◂5, ▸.

26. Stop
This button stops playback of a BD/DVD movie or CD audio track.

27. Pause
Pressing the pause button will pause audio and video playback.

28. HDMI
Press the HDMI button repeatedly to select the best resolution the TV can support.

29. INFO
Display the information of the disk.

30. DIGEST
To access digest playback mode(Video Digest is not available now).

31. Zoom
Adjust picture size of DVD.

32. Random
Press to play the chapters of CD at random. It's invalid by pressing this button when playing BD discs.

33. Angle
Some BD and DVDs are filmed with more than one camera angle. During playback of such disks, press this button will allow you to switch camera angles.

34. Media Center
To open/close Media Center.

35. Secondary Audio
Press this button to activiate secondary Audio languages in BD disc.
(note: some BD disc don't support this function.)

Connection

Make the following connections to use this product.

Basic connections:

- Video
- Audio
- Power

Optional connections:

- Route audio to other devices
  - Digital amplifier/receiver
  - Analog stereo system
- LAN
- USB device (As additional memory for software updates and BD-Live bonus contents).

Connect video/audio cables

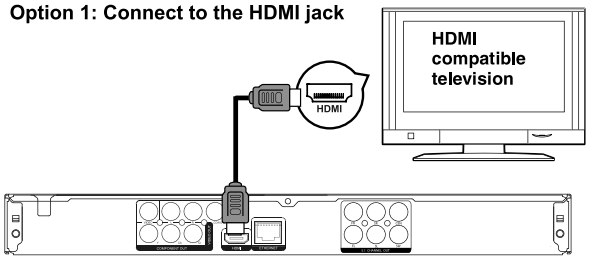
Connect this product to TV to view disc play. Select the best video connection that the TV can support.

- Option 1: Connect to the HDMI jack (for a HDMI TV).
- Option 2: Connect to the component video jacks (for a standard TV or Progressive Scan TV).
- Option 3: Connect to the composite video jack (for a standard TV).

Note

- You must connect this product directly to a TV.

Option 1: Connect to the HDMI jack



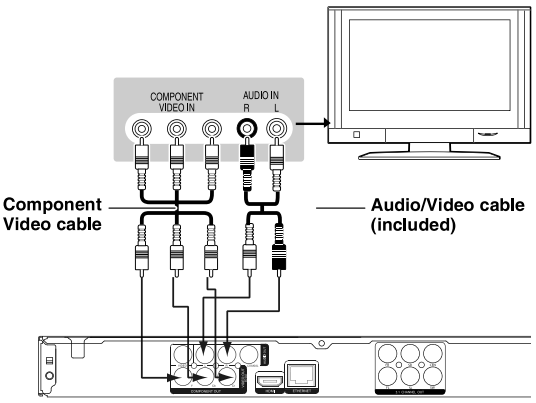
Connect an HDMI cable (not supplied) to:

- the HDMI jack on this product,
- the HDMI input jack on the TV.

Tip

- You can optimize the video output. Press the HDMI button repeatedly to select the best resolution the TV can support.
- To play the digital video images of a BD-video or DVD-video via an HDMI connection, it is necessary that both this product and the display device.
- This type of connection provides best picture quality.

Option 2: Connect to the component video jack



1 Connect the component video cables (not supplied) to:
the Y Cb Cr jacks on this product.
- the COMPONENT VIDEO input jacks on the TV.

2 Connect the audio cables to:
- the AUDIO L/R-AV OUTPUT jacks on this product.
- the AUDIO input jacks on the TV.

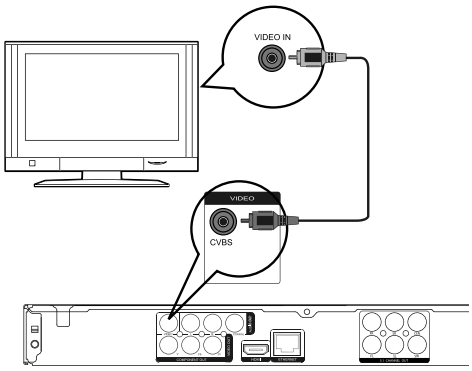
Tip

- The component video input jack on the TV might be labeled as Y Cb Cr or YUV.

Note

- This type of connection provides good picture quality.

Option 3: Connect to the composite video jack.



1 Connect a composite video cable to:
- the VIDEO jack on this product, the VIDEO input jack on the TV.

2 Connect the audio cables to
- the AUDIO L/R-AV OUTPUT jacks on this product.
the AUDIO input jacks on the TV.

Tip

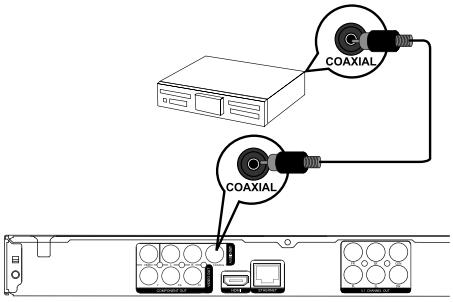
- The video input jack on the TV might be labeled as A/V IN, VIDEO IN, COMPOSITE or BASEBAND.
- This type of connection provides standard picture quality.

Route audio to other devices

To enhance audio play, you can route the audio from this product to other devices.

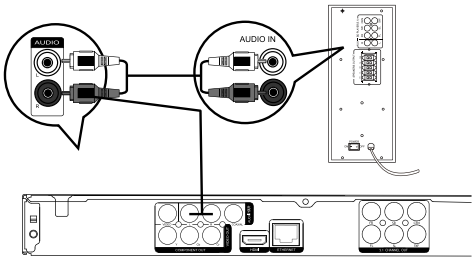
• This type of connection provides good picture quality.

Connect to digital amplifier/receiver



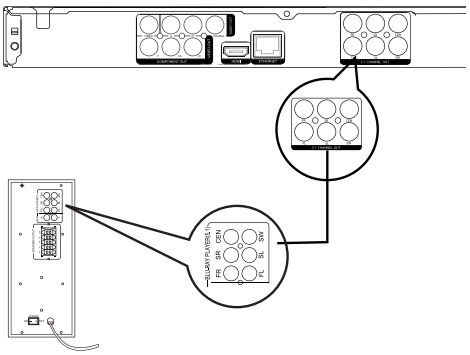
Connect a coaxial cable (not supplied) to:
- the COAXIAL jack on this product.
- the COAXIAL/DIGITAL input jack on the device.

Connect analogue stereo system.



Connect the audio cables to:
- the AUDIO L/R-AV OUTPUT jacks on this product.
- the AUDIO input jacks on the device.

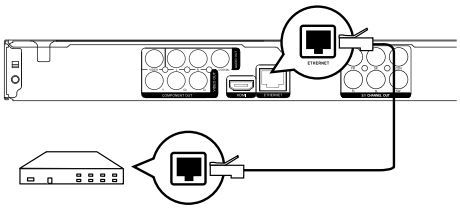
Connect analogue stereo system.



Connect the 5.1CH cables to:
- the 5.1CH OUTPUT jacks on this product.
- the 5.1CH input jacks on the device.

Connect network

Connect this product to the network to enjoy software updates and BD-Live bonus content.



Connect the network cable (not supplied) to:
- The LAN jack on this product.
- The LAN jack on the broadband modem or router.
- Note: before log in the internet, you first make sure the unit is under default set.

Connect power

Caution

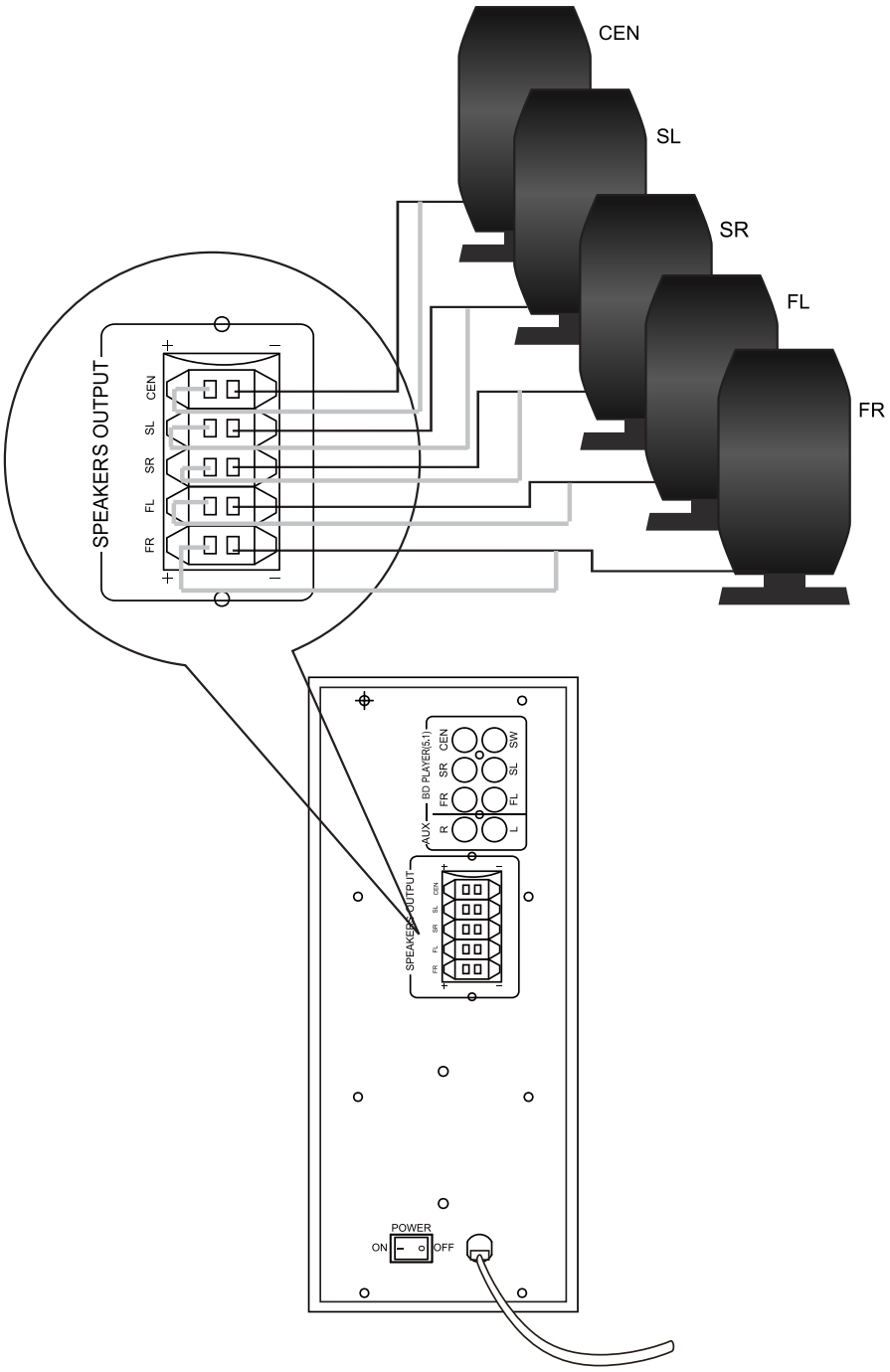
- Before connecting the AC power cord, ensure you have completed all other connections.

Note

- The type plate is located on the back of the product.

Connect the AC power cable to the wall socket.
This product is ready to be set up for use.

Connection Speaker's



Caution

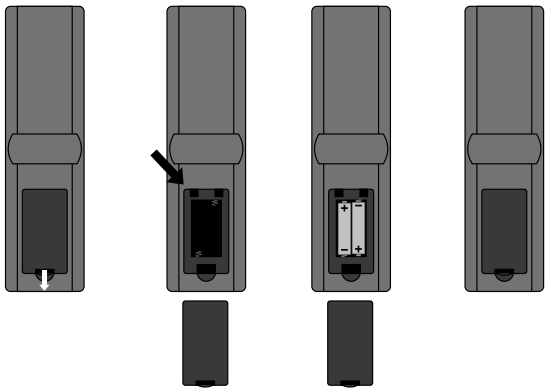
- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.

Prepare the remote control

Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.



1 Open the battery compartment.
2 Insert 2xAAA batteries with correct polarity (+/-) as indicated. (not included)
3 Close the battery compartment.

Note

- If you are not going to use the remote control for a long time, remove the batteries.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed properly.
- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Find the correct viewing channel

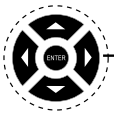
1 Press ⏻ to turn on this product.
2 Turn on the TV and switch to the correct video-in channel (refer to the TV user manual on how to select the correct channel).

Use the SETUP menu

Press **SETUP** to display the SETUP menu on the TV.

Navigate the menu

When a menu is displayed, press the buttons on the remote control to navigate.



Move up or down.
Move left or right.
Confirm a selection.

Select menu display language

1. Select [**General Settings**] in the **SETUP** menu.
2. Press ▲ / ▼ to select [**Language**] in the menu
3. Press ▶ to select [**OSD**], and press ▶again to enter the select menu, then you could select the language you want.
4. Press **ENTER** to confirm.

Play a disc

Caution

- Do not place any objects other than discs into the disc compartment.
- Do not touch the disc optical lens inside the disc compartment.

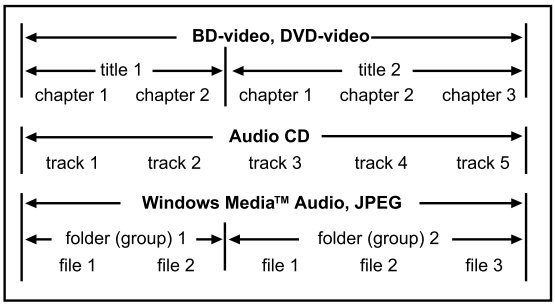
1 Press ⏏ to open the disc compartment.
2 Insert a disc with its label facing up.
3 Press ⏏ to close the disc compartment and start disc play.
- To view disc play, turn on the TV to the correct viewing channel for this product.
- To stop disc play, press ■.

Note

- Check the types of discs supported .
- If the password entry menu is displayed, enter the password before you can play the locked or restricted disc.
- If you pause or stop a disc, the screen saver appears after 3 minutes of inactivity. To deactivate the screen saver, press any button.
- After you pause or stop a disc and no button is pressed within 9 minutes, this product automatically switches to standby.

Disc content structure

The structure of a disc content is generally divided as shown below.



- **[title/chapter]** (title/chapter) refers to the contents on a BD/DVD.
- **[track]** (track) refers to the contents on an audio CD.
- **[folder/file]** (folder/file) refers to the contents on a disc in MP3 /JPEG format.

Play video

Control video play

1 Play a title.
2 Use the remote control to control the play.

Buttons	Action
❙❙	Pause play.
▶	Start or resume play.
■	Stop play.
⏮ ⏭	Skip to a previous/next title or chapter.
◀◀ ▶▶	Search fast-backward or fast-forward. Press repeatedly to change the search speed.

- In pause mode, slow a play backward or forward.

Note

- For BD disc with Java application, the resume function is not available.

Display menu

BD-video disc:

POPUP/TITLE stop the video play and show the disc menu. This feature is disc-dependent. **POPUP/TITLE** access to the BD-video disc menu without interrupting disc play.

DVD-video disc:

POPUP / TITLE display the root menu of a disc.

TITLE display disc information and guide you through the available functions in the disc.

Change video play

Button	Action
AUDIO	Select an audio language or channel on a disc.
SUBTITLE	Select the subtitle language on a disc.
REPEAT	Select or turn off repeat or shuffle mode.
INFO	Display the current status or disc information.
ZOOM	Zoom in/out the picture of the video.
RANDOM	Select the Random/Shuffle mode.
BOOKMARK	Bookmark the point. Press for 5 Seconds to activate the Bookmark menu.
PROGRAM	The program function can be used to play your selected titles /chapters / tracks in sequence for DVD / VCD / CD.(This function does not support BD) In PLAY mode, press "ENTER" button, use UP /DOWN key or numeric key to input your desired titles/chapters /tracks , then press "ENTER" key to confirm. To playback your programmed chapters / titles /tracks, press "PLAY" button. To delete the programmed list , use the UP/DOWN and R/L button to highlight , then press " CLEAR " button on the remote control to delete .

Button	Action
A-B	When a disk is playing, pressing this button once will save a “start point” for repeating playback. Pressing this button again will save an “end point” for repeating playback. Playback will repeat from the start point to the end point. • The marked section for repeat play should be in one track/title.
GOTO	Jump to a user specified time during playback.
BONUS VIEW	Turn on or off the secondary video in a small screen window during play (applicable only to BD-video that supports the BONUS VIEW or Picture-In-Picture feature).
2nd ADUIO	Switch over the audio displaying between mains window or PIP window.
OSC	Access options relating to the current activity or selection, and control the video playing.

Note

- Some operations may not work with some discs. See the information accompanying the disc for details.
- Applicable only to discs that contain multi-angle scenes.

Play BD-video

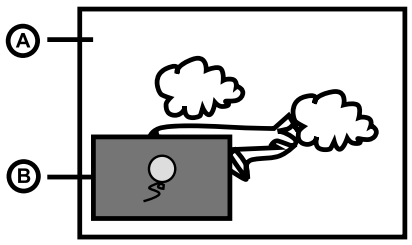
Blu-ray video disc has a larger capacity and supports features such as high-definition videos, multichannel surround sounds, interactive menus and so on.

1 Insert a BD-video disc.
2 Play automatically starts, or select a play option in the menu and press **ENTER**.

- During play, you can press **POPUP** to display the disc menu without interrupting disc play.

Enjoy BONUS VIEW

(Applicable only to a disc compatible with the BONUS VIEW or Picture-in-Picture feature) You can instantly view additional content (such as commentaries) in a small screen window.



(A) Primary video
(B) Secondary video

1 Press **BONUS VIEW** to turn on the secondary video window.
2 Press **SECONDARY AUDIO** to switch over the audio between mains window and PIP window.

Enjoy BD-LIVE

(Applicable only to a disc that enables BD-Live bonus content.) Additional contents (such as movie trailers, subtitles, etc.,) can be downloaded to this product's local storage or a connected USB storage device. Special video data may be played while they are being downloaded. When the disc supporting BD-Live is played, this product or disc's ID can be sent to the content provider via the internet. Services and functions to be provided vary from discs.

Note

- It is recommended to use a USB with download data (at least 2GB free space).

Play music

Control a track

1 Play a track.
2 Use the remote control to control the play.

Buttons	Action
⏸	Pause play.
▶	Start or resume play.
■	Stop play.
⏮ ⏭	Skip to a previous/next track.
1 2 3 4 5 6 7 8 9 0	Select an item to play.
◀◀ ▶▶	Search fast-backward or fast-forward. Press repeatedly to change the search speed.
REPEAT	Select or turn off repeat or shuffle mode.

Play MP3 music

MP3 is a type of highly compressed audio file (files with mp3, extensions).

1 Insert a disc that contains the MP3 music.
2 Select a muisc folder, then press **ENTER**.
3 Select a file to play, then press **ENTER**.

Note

- Press **MEDIA CENTER** to display the file list.

- For disc recorded in multiple sessions, only the first session is played.
- This product does not support MP3PRO audio format.
- For any special character that is present in the MP3 track name (ID3) or album name, it might not be displayed correctly on the screen because these characters are not supported.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

Play photo

Play photo as slideshow

You can play JPEG photos (files with .jpeg or .jpg extensions).

1 Insert a disc or USB devise that contains the JPEG photos.

2 Select a photo folder, then press **ENTER** to enter.

- To select a photo, press the **Navigation** buttons.
- To enlarge the selected photo and start slideshow, press **ENTER**.

Note

- It may require longer time to display the disc content on the TV due to the large number of songs/photos compiled onto one disc.
- This product can only display digital camera pictures according to the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display Motion JPEG, or pictures in formats other than JPEG, or sound clips associated with pictures.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

Control photo play

1 Play a photo slideshow.

2 Use the remote control to control the play.

Buttons	Action
◄ ►	Rotate a photo anticlockwise/clockwise.
▲ ▼	Flip a photo horizontally/vertically.
■	Stop play.

Note

- Some operations may not work with some discs or files.

Set slideshow interval and animation

1 During play, press **OSC**.
The play options menu is displayed.

2 Select a option in the menu, then press **ENTER**.

3 Select the option by **Navigation** buttons.

4 Press **ENTER**.

Play musical slideshow

Create a musical slideshow to play simultaneously MP3 music files and JPEG photo files.

Note

- To create a musical slideshow, you must store the MP3 and JPEG files on the same disc.

1 Play MP3 music.

2 Press **Media Center** to return to the main menu.

3 Navigate to enter a photo folder, then press **ENTER** to start slideshow play.
Slideshow begins and continues till the end of the photo folder.
Audio continues to play until the end of the disc.

- To stop the slideshow play, press ■.
- To stop the music play, press ■ again.

Note

• If the setup option is grayed out, it means the setting cannot be changed at the current state.

Basic operation for the menu

1 Press **SETUP.**

2 Select a mains menu by ◀ ▶.

3 Select the menu you want to setting by ▼ ▲, and press ▶.
• You could press ▲ up to mains menu.

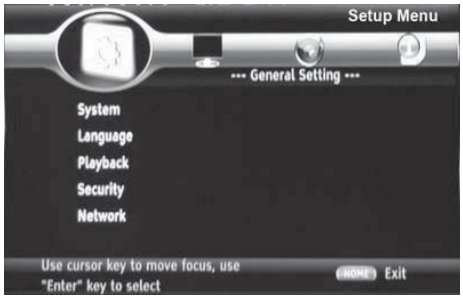
4 Select the option by ▼ ▲, and press ▶.
• You could press ◀ to return to the previous menu.

5 Select by ▼ ▲, and press **ENTER** to confirm.
• You could press ◀ to return to the previous menu.

6 To return to the mains menu from the submenu, press **RETURN.**

7 To exit the menu, press **SETUP.**

General Setting



System

1 **Screen Saver:** Turn on/off the screen saver. The screen saver will display in 3 mins without any operation when the function's on.

2 **Disc Auto Playback:** Turn on/off the disc auto playback function.

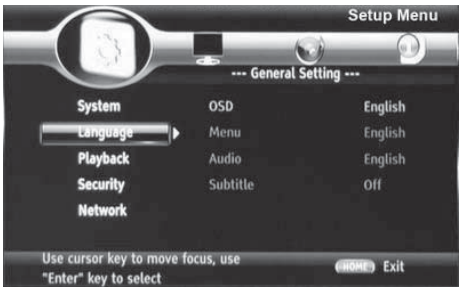
3 **Load Default:** Return to DEFAULT SETTING.

4 **Upgrade:** Select the device that you want to upgrade from.

5 **Easy Setup:** Select the easy setup mode.

6 **Buda:** Select the buda mode.

Language

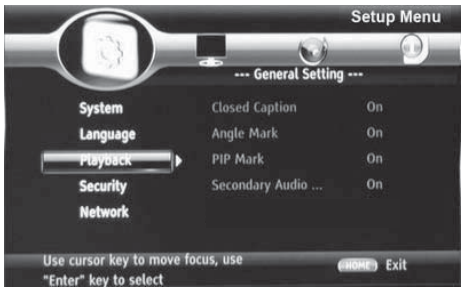


1 **OSD:** Select the OSD language.
2 **Menu:** Select the menu language of the disc.
3 **Audio:** Select the audio language for the program.
4 **Subtitle:** Select the subtitle language for the program.

Note

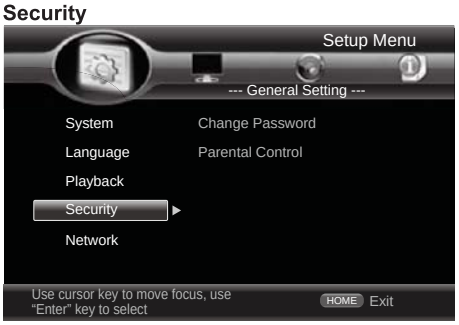
• You have to select the audio and subtitle language according to the disc.

Playback



1 **Closed Caption:** Turn on/off the Closed Caption function.
2 **Angle Mark:** Turn on/off the Angle Mark function.
3 **PIP Mark:** Turn on/off the PIP Mark function.
4 **Secondary Audio...:** Turn on/off the secondary audio language select.

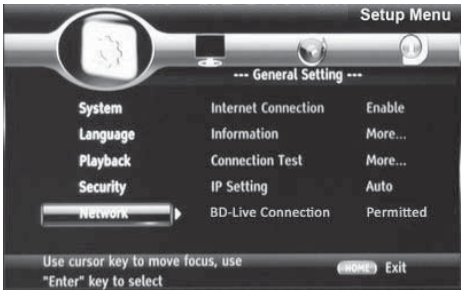
Security



1 **Parental Control:** Enter to set the parental control. The password is 0000.

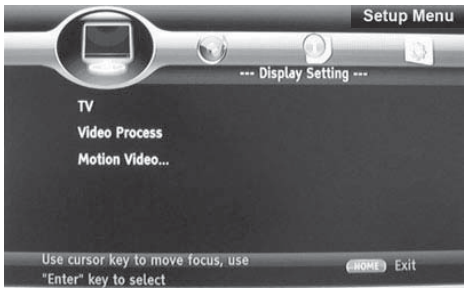
Network

- Connect this product to the broadband modem or router.
- This product starts to detect if there is a connection to the network.
- If the connection test fails, select [**Retry**] and press **ENTER** to re-connect again to the network.



1 **Internet Connection:** Display the internet connection state.
2 **Information:** Display the informations of the Network.
3 **Connection Test:** Test the internet connection state.
4 **IP Setting:** Setting the IP for the product.
5 **BD-Live Connecting:** Set this function to Permitted, Partial permitted, Prohibited.
6 **Proxy Setting:** Set the Proxy Setting to Disable, Enable, Proxy Host, Proxy Port.

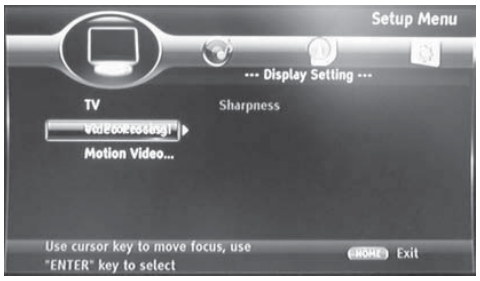
Display Setting



TV

1 **TV Screen:** Select the display mode for the TV.
2 **Resolution:** Select the resolution for the TV.
3 **TV System:** Select the TV system.
4 **Color Space:** Select the color space.
5 **HDMI Deep Color:** Select deep color for HDMI.
6 **HDMI 1080P 24HZ:** Turn on/off the HDMI 1080P 24HZ function.

Video Process



1 **Sharpness:** Select the sharpness mode.

Motion Video

Motion video: Select the video mode.

Audio Setting

Audio Output

1 **Spdif:** Select the SPDIF mode.
2 **HDMI:** Select the HDMI mode.
3 **Down Samp :** Select down samp.
4 **DRC:** Select the DRC mode.

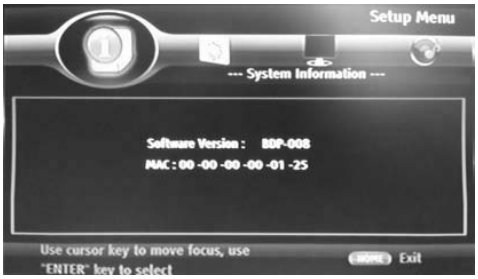
Speaker Setting

1 Configuration: Select configuration mode.
2 Test Tone: Select the text tone mode.

Post Process

1 UpMix: Select the UpMix mode.

System Information



Display the system information(The information on the picture above is for reference only).

Update software

For software updates to enhance performance, check the current software version of this product to compare with the latest software (if available) .

1 Press **SETUP**.
2 Select [**General Setting**], then press ▶.
3 Select [**System**] > [**Upgrade**], then press **ENTER.**

Update software via USB

1 Download the software onto a USB flash drive.
2 Insert the USB flash drive to the USB jack of the rear panel.
3 In the SETUP menu, select[**General Setting**] >[**System**] > [**Upgrade**] > [**USB**].
4 Follow the instructions on the TV screen to confirm update operation.
Once software update is complete, this product automatically turns off to standby.
6 Disconnect the power cord for a few second; and connect again to turn on this product.

Note

- Do not turn off the power or remove the USB flash drive when software updating is in progress to prevent possible damage of this product.

Care

Caution

- Never use solvents such as benzene, thinner, cleaners available commercially, or anti-static sprays intended for discs.

Clean discs

Wipe the disc with a micro fibre cleaning cloth from the centre to the edge in a straight line movement.

Specifications

Note

- Specification and design are subject to change without notice

Play media

DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R/-R DL, CD-R/CD-RW, Audio CD, Picture CD, MP3, BD-ROM, BD-RE, BD-R.

Video

- Signal system: NTSC/PAL/AUTO
- Composite video output: 1 Vp-p (75 ohm)
  - Y: 1 Vp-p (75 ohm)
  - Cb : 0.7 V-pp (75 ohm)
  - Cr : 0.7 V-pp (75 ohm)
- HDMI / Component video output: Auto, 480/576p,720p, 1080i, 1080p.

Audio

- 2 Channel analog output
  - Audio Front L&R: 2 Vrms (> 1 kohm)
- Digital output: 0.5-Vp-p (75 ohm)
  - Coaxial
- HDMI output
- Sampling frequency:
  - MP3: 32 kHz, 44.1 kHz, 48 kHz
- Constant bit rate:
  - MP3:112 kbps - 320 kpbs

USB

- As additional memory for software updates and BD-Live bonus contents.

Main unit

- Power supply rating: AC110V 60Hz
- Power consumption: 16 W
- Power consumption in standby mode: <1W
- Operating conditions:0°C-40°C

Amplifier

- Power supply rating: AC110V 60Hz
- Total Output Power : 600W PMOP, 40W RMS
  Sub-woofer Output Power : 10W (4 Ohm)
  Satella CH. (5 channels): 6W / ch (8 Ohm)
- Power consumption in standby mode: <1W
- Operating conditions:0°C-40°C

Laser Specification

- Laser Type:
  - BD Laser Diode: InGaN/AlGaN
  - DVD Laser Diode: InGaAlP
  - CD Laser Diode: A IG'aAs
- Wave length:
  - BD: 405 +5nm/-5nm
  - DVD: 650 +13nm/-10nm
  - CD:790+15nm/-15nm
- Output power:
  - BD: Max. ratings: 20mW
  - DVD: Max. ratings: 7mW
  - CD: Max. ratings: 7mW

Warning

• Risk of electric shock. Never remove the casing of the product.

To keep the warranty valid, never try to repair the product yourself.

Main unit

No reaction to the remote control.

• Connect this product to the power outlet.
• Point the remote control at the IR sensor located on the front panel of this product.
• Insert the batteries correctly.
• Insert new batteries in the remote control.

Picture

No picture.

• See TV manual for correct video input channel selection. Change the TV channel until you see the screen.

No picture on HDMI connection.

• If this product is connected to an unauthorized display device with an HDMI cable, the audio/video signal may not be output.
• Check if the HDMI cable is faulty. Replace a new HDMI cable.
• If this happens when you change the [resolution] setting, press HDMI on the remote control repeatedly until picture appears.

No high-definition video signal on the TV.

• Ensure that the disc contains high-definition video.
• Ensure that the TV supports high-definition video.

Sound

No audio output from the TV.

• Ensure that the audio cables are connected to the audio input of the TV.
• Assign the audio input of the TV to the corresponding video input. See the TV user manual for details.

No audio output from the loudspeakers of the audio device (stereo system/amplifier/receiver).

• Ensure that the audio cables are connected to the audio input of the audio device.
• Turn on the audio device to its correct audio input source.

No sound on HDMI connection.

• You may not hear any sound from the HDMI output if the connected device is non-HDCP compliant or only DVI-compatible.

Play

Disc cannot be played.

• Ensure that the disc is correctly loaded.
• Ensure that this product supports the disc. See 'Specifications'.
• Ensure that this product supports the region code of the DVD or BD.
• For DVD+RW or DVD+R, ensure that the disc is finalized.
• Clean the disc.

Data files (JPEG, MP3) cannot be played or read.

• Ensure that the data file was recorded in the UDF, ISO9660 or JOLIET format.
• Ensure that the selected group (folder) does not contain more than 9,999 files for DVD, and 999 files for CD.
• Ensure that the JPEG file extension is jpg, JPG, jpeg or .JPEG.
• Ensure that the MP3 file extension is .mp3 or .MP3 for windows Media™ Audio.

'No entry' sign appears on the TV.

• The operation is not possible.

Unable to access BD-Live feature.

• Check the network connection or ensure that the network has been set up.
• Clear local storage or USB.
• Ensure that the BD disc supports BD Live feature.

Glossary

A

Aspect ratio
Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

B

Blu-ray Disc (BD)
Blu-ray Disc is a next generation optical video disc capable of storing five times more data than a conventional DVD. The large capacity makes it possible to benefit from the features such as high-definition videos, multichannel surround sound, interactive menus and so on.
BONUS VIEW
This is a BD-Video (Final Standard Profile or Profile 1.1) that supports interactive content encoded on the disc, such as picture-in-picture. This means you can play the primary video and secondary video simultaneously.

D

Digital Audio
Digital Audio is a sound signal that has been converted into numerical values. Digital sound can be transmitted through multiple channels. Analogue sound can only be transmitted through two channels.
Dolby Digital
A surround sound system developed by Dolby Laboratories that contains up to six channels of digital audio (front left and right, surround left and right, center and subwoofer.)
DTS
Digital Theatre Systems. A surround sound system for providing 5.1 channels of discrete digital audio in consumer electronics products and software content. It is not developed by Dolby Digital.

H

HDCP
High-bandwidth Digital Content Protection. This is a specification that provides a secure transmission of digital contents between different devices (to prevent unauthorized copyright.)
HDMI
High-Definition Multimedia Interface (HDMI) is a high-speed digital interface that can transmit uncompressed high definition video and digital multichannel audio. It delivers high quality picture and sound quality, completely free from noise.
HDMI is fully backward-compatible with DVI. As required by the HDMI standard, connecting to HDMI or DVI products without HDCP (High-bandwidth Digital Content Protection) will result in no Video or Audio output.

J

JPEG
A very common digital still picture format. A still-picture data compression system proposed by the joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio. Files are recognized by their fill extension '.jpg' or '.jpeg.'

L

LAN (Local Area Network)
A group of linked devices in a company, school or home. Indicates the boundaries of a particular network.
Local storage
This storage area is used as destination for storing additional contents from BD-Live enabled BD-Video.

M

MP3
A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

P

PBC
Playback Control. A system where you navigate through a Video CD/Super VCD with on-screen menus that are recorded onto the disc. You can enjoy interactive playback and search.
PCM
Pulse Code Modulation. A digital audio encoding system.

R

Region code
A system that allows discs to be played only in the region designated. This unit only plays discs that have compatible region codes. You can find the region code of your unit on the product label. Some discs are compatible with more than one region (or ALL regions.)

W

WMA
Windows Media™ Audio. Refers to an audio compression technology developed by Microsoft Corporation. WMA data can be encoded with Windows Media player version 9 or Windows Media player for Windows XP. Files are recognized by their file extension '.wma.'

Notes: Design and specifications in this instruction manual are subjected to change without prior notice.

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